

ABSTRACT OF THE DISCLOSURE

If a USB device is turned off or is not active, the device may be electrically disconnected from a USB host controller. The device may be electrically disconnected through a physical interface on the device. In some embodiments, if the device becomes
5 active during a wait period (e.g., 2-3 seconds) prior to electrically disconnecting the device, the device may not be electrically disconnected. In some embodiments, when the device is electrically disconnected from the USB host controller and no system activity of a bus mastering peripheral is occurring, the CPU may enter a low power state if other conditions are met. In some embodiments, if the USB device becomes active after
10 electrically disconnecting, the electrical disconnection may be discontinued.